

# **COCONINO COMMUNITY COLLEGE**

## **COURSE OUTLINE**

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Status: Permanent  
Effective Term: Fall 2020

April 19, 2000  
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### **A. Identification:**

1. Subject Area: Early Childhood Education (ECE)
2. Course Number: 230
3. Course Title: Exploration and Discovery for the Young Child
4. Credit Hours: 3
5. Catalog Description: Study of theories, methods, and materials for promoting questioning and problem-solving in young children. An emphasis on math and science through discovery and play. Three lecture.

### **B. Course Goals:**

To develop a framework to advance an inquiring learning environment for young children; to gain an understanding of play in child development; to support children's progress through discovery.

### **C. Course Outcomes:**

Students will be able to:

1. discuss the development of play based on 'classic' theorists and compare philosophies (self & theorists);
2. describe the strategies to implement and assess a play-centered curriculum;
3. define and assess techniques used to guide children at play;
4. identify the child's role in an inquiring learning environment;
5. identify the teacher's role in an inquiring learning environment;
6. define and construct a science-rich learning environment;
7. define and construct a math-rich learning environment;
8. assess the usefulness of Math & Science manipulatives in the early learning environment;
9. analyze the math and science curriculum in an early learning program;
10. identify the components of play-based assessment;
11. and recognize parent concerns in a play-centered curriculum.

### **D. Assessment of Course Outcomes:**

Must include:

1. Instructor assigned reading and homework.

### **E. Course Content:**

Will include:

1. play and play-centered curriculum;
2. discovery;
3. inquiring learning environment;
4. child development theories;
5. children's roles and teacher's roles;
6. mathematics
  - a) appropriate curriculum for the early learning environment
  - b) manipulatives utilized in the learning environment;
7. science
  - a) appropriate curriculum for the early learning environment
  - b) manipulatives utilized in the learning environment;
8. assessment;

9. and parental concerns.